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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. First Inventor		RFSC-0006	3.2 P TO	
		Clinton Hartmann		
	MODULATION BY PHA	ASE AND TIME SHIFT KEYING AND METHOD C	F USING	

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No. EL400789385US

See MFEP chapter 600 concerning utility patient application contents. Washington, DC 20231	APPLICATION ELEMENTS			ASSISTANT Commissioner for Paterits ADDRESS TO: Box Patent Application		
Computer Program (Appendix)	See MPEP chapter 600 concerning utility patent application contents.					
2. X Applicant claims small entity status. 3. X Specification 4. Specification 5. Statement Regarding Fed sponsored R & D 6. Reference to sequence listing, a table, or a computer program listing appendix 6. Background of the Invention 6. Brief Summary of the Invention 6. Brief Summary of the Invention 7. Brief Summary of the Invention 8. Brief Summary of the Invention Sequence Listing on: 8. Computer Sequence Listing on: 8. Department status from (CRF) 8. Department statistics on Copy of the Invention Sequence Listing on: 8. Department statistics on Copy of the Invention Sequence Claims on Sequence Listing on: 8. Department statistics on Copy of the Invention Sequence Listing on: 8. Department statistics on Copy of the Invention Sequence Claims on Sequence Listing on: 8. Department statistics on Copy of the Invention Sequence Claims on Sequence Claims on Sequence Listing on: 8						
3.	Applicant claims s	mall entity status.				
3. M. Continued variagement set both balow) Descriptive title of the invention Cross Reference to Related Applications Statement Regarding Fed sponsored R & D Reference to Sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure A. W. Drawing(s) (35 U.S.C. 113) Total Sheets 5 1.0 Assignment Papers (cover sheet & document(s)) A. Newly executed (original or copy) B. (Total Pages 3 1.1 English Translation Document (if applicable) 1.1 English Translation Document (if applicable) 1.2 English Translation Document (if applicable) 1.3 Preliminary Amendment 1.4 When there is an assignee) Clations 1.5 Copy for one prior application, see 37 CFR 1.36(c) and 1.33(b). 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with Box 18 completed) 1.5 (if or continuation off)/sisonal with B	See 37 CFR 1.27.			` 🙀 '		
- Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.	3. preferred arrangement	nt set forth below)	<u></u>]1	<u></u>		
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Background of the Invention Brief Summary of the Invention Brief Description of the Drawings (if filed) Detailed Description Claim(s) Abstract of the Disclosure 4.						
- Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4.	- Background of	the Invention				
- Claim(s) - Abstract of the Disclosure - Copies of IDS - C	 Brief Description 	on of the Drawings (if filed)		ACCOMPANYING APPLICATION PARTS		
- Abstract of the Disclosure 4.		ption				
4.		Disclosure		140		
5. Oath or Declaration a.	4 X Drawing(s) (35 U.S.C. 113) [Total Sheets 5]			11. English Translation Document (if applicable)		
a. Newly executed (original or copy) b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/division/and with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Index 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Prior application information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation gan only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label Address P. O. Box 832570 City Richardson State Texas Zip Code 75083 Country Jimmy L. Heisz Registration No. (Attorney/Agent) 38,914				112 """ "" " " " " " " " " " " " " " " "		
b. Copy from a prior application (37 CFR 1.83 (d)) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63 (g)(2) and 1.33 (b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) Prior application Nor Divisional Continuation-in-part (CIP) Prior application Information: Examiner For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application and is hereby incorporated by reference. The incorporation gan only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Custamer Number or Bar Code Label (Instal Casilon State Texas Zip Code 75083 Country Telephone (972) 480-8800 Fax (972) 480-8865 Name (Printl Type) Jimmy L. Heisz Registration No. (Attorney/Agent) 38,914				Statement (IDS)/F10-1445		
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i), Applicant must attach form PTO/SB/35 or its equivalent. 16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i), Applicant must attach form PTO/SB/35 or its equivalent. 17. Other:	Copy from a prior application (37 CFR 1.63 (d))			Return Receipt Postcard (MPEP 503) (Should be specifically itemized)		
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i), Applicant must attach form PTO/SB/35 or its equivalent. 16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i), Applicant must attach form PTO/SB/35 or its equivalent. 17. Other:				15. Certified Copy of Priority Document(s) (if foreign priority is claimed)		
1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No: Prior application information: Examiner Group Art Unit:				16 Request and Certification under 35 U.S.C. 122		
6. Application Data Sheet. See 37 CFR 1.76 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation: Prior application information: Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label (Insert) Customer Number or Bar Code Label Address Boisbrun, P.C. Address P.O. Box 832570 City Richardson State Texas Zip Code 75083 Country Telephone (972) 480-8800 Fax (972) 480-8865 Name (Printl Type) Jimmy L. Heisz Registration No. (Attorney/Agent) 38,914				(b)(2)(B)(i). Applicant must attach form PTO/SB/35		
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation gan only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label Address Dimmy L. Heisz Hitt Gaines & Boisbrun, P.C. Address P.O. Box 832570 City Richardson State Texas Zip Code 75083 Country Telephone (972) 480-8800 Fax (972) 480-8865 Name (Print/Type) Jimmy L. Heisz Registration No. (Attorney/Agent) 38,914	6 Application Date Chart Con 27 CED 4 70					
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS X Customer Number or Bar Code Label (Insert Gustomer Nover Attachbar code label) or X Correspondence address below Name Jimmy L. Heisz Hitt Gaines & Boisbrun, P.C. Address P.O. Box 832570 City Richardson State Texas Zip Code 75083 Country Telephone (972) 480-8800 Fax (972) 480-8865 Name (Printl Type) Jimmy L. Heisz Registration No. (Attorney/Agent) 38,914	18 If a CONTINUING APPL	ICATION check appropriat	o hov and sur	only the requisite information below and in a preliminary amendment		
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Name Jimmy L. Heisz Hitt Gaines & Boisbrun, P.C. P.O. Box 832570 City Richardson State Texas Zip Code 75083 Country Telephone (972) 480-8800 Fax (972) 480-8865 Name (Print/Type) Jimmy L. Heisz Registration No. (Attorney/Agent) 38,914	The incorporation can only be					
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Address P.O. Box 832570 City Richardson State Texas Zip Code 75083 Country Telephone (972) 480-8800 Fax (972) 480-8865 Name (PrintlType) Jimmy L. Heisz Registration No. (Attorney/Agent) 38,914	Name	Jimmy L. Heis	z			
City Richardson State Texas Zip Code 75083 Country Telephone (972) 480-8800 Fax (972) 480-8865 Name (Printl Type) Jimmy L. Heisz Registration No. (Attorney/Agent) 38,914		Hitt Gaines & Boisbrun, P.C.				
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Name (PrintlType) Jimmy L. Heisz Registration No. (Attorney/Agent) 38,914	City Richardson		State	Texas Zip Code 75083		
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01/30/2002	Name (Print/Type)	Name (Print/Type) Jimmy L. Heisz Registration No. (Attorney/Agent) 38,914				
	Signature Date 01/30/					

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

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Compl	ete if Known	1
Application Number	N/A	Π
Filing Date	Herewith	Ī
First Named Inventor	Clinton Hartmann	
Examiner Name	N/A	
Group Art Unit	N/A	
Attorney Docket No.	RFSC-0006	7

METHOD OF PAYMENT	FEE CALCULATION (continued)				
The Commissioner is hereby authorized to charge indicated foce and credit any event when to the	3. ADDITIONAL FEES				
indicated fees and credit any overpayments to: Deposit	Large Small Entity Entity				
Account Number	Fee Fee Fee Fee Description Code (\$) Code (\$)	Fee Paid			
Deposit Account	105 130 205 65 Surcharge - late filing fee or oath				
Name	127 50 227 25 Surcharge - late provisional filing fee or cover sheet				
Under 37 CFR 1.16 and 1.17 Applicant claims small entity status.	139 130 139 130 Non-English specification				
Applicant claims small entity status. See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for exparte reexamination				
2. X Payment Enclosed:	112 920* 112 920* Requesting publication of SIR prior to				
Check Credit card Order Other	Examiner action 113 1,840* 113 1,840* Requesting publication of SIR after				
FEE CALCULATION	Examiner action				
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month				
Large Entity Small Entity Fee Fee Fee Fee Description	116 400 216 200 Extension for reply within second month 117 920 217 460 Extension for reply within third month				
Code (\$) Code (\$)	• •				
101 740 201 370 Utility filing fee 370.00	118 1,440 218 720 Extension for reply within fourth month				
106 330 206 160 Design filing fee	128 1,960 228 980 Extension for reply within fifth month				
107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal				
108 710 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal				
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing				
SUBTOTAL (1) (\$) 370.00	138 1,510 138 1,510 Petition to institute a public use proceeding				
	140 110 240 55 Petition to revive - unavoidable				
2. EXTRA CLAIM FEES Fee from	141 1,280 241 640 Petition to revive - unintentional				
Extra Claims below Fee Paid	142 1,280 242 640 Utility issue fee (or reissue)				
Total Claims $20 - 20^{\bullet \bullet} = 0 \times 9.00 = 0.00$	143 460 243 230 Design issue fee				
Independent $2 - 3^{**} = 0 \times 42.00 = 0.00$	144 620 244 310 Plant issue fee				
Multiple Dependent	122 130 122 130 Petitions to the Commissioner				
	123 130 123 130 Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt				
Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)				
103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection				
104 280 204 140 Multiple dependent claim, if not paid	(37 ČFR § 1.129(a))				
109 84 209 42 ** Reissue independent claims over original patent	149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))				
110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)				
and over original patent	169 900 169 900 Request for expedited examination of a design application				
SUBTOTAL (2) (\$) 0.00	Other fee (specify)				
.,	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)	0.00			
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3)				

SUBMITTED BY				Complete (if	applicable)
Name (Print/Type)		Registration No. (Attorney/Agent)	38,914	Telephone	(972) 480-8800
Signature	mmy S. Heis	•		Date	01/30/2002

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